

AMENDMENTS TO THE CLAIMS

1-4. (Cancelled)

5. (Currently amended) An isolated polypeptide that specifically binds to a ChemerinR polypeptide, wherein the nine C-terminal amino acids of said isolated polypeptide are set forth in SEQ ID NO: 61 ~~with the amino acid sequence of SEQ ID NO: 61 being the C-terminal end, wherein the polypeptide binds specifically to a ChemerinR polypeptide.~~

6. (Previously presented) An isolated polypeptide of claim 5, wherein the amino acid sequence is the sequence of SEQ ID NO:53.

7. (Cancelled)

8. (Cancelled).

9. (Previously presented) An isolated polypeptide comprising an amino acid sequence SEQ ID No. 14, wherein the polypeptide does not comprise the six amino acid C-terminal sequence KALPRS (SEQ ID NO: 82), and wherein the polypeptide binds specifically to a ChemerinR polypeptide.

10. (Previously presented) The polypeptide in claim 5, wherein the polypeptide is labeled with a moiety selected from the group consisting of a radioisotope, a fluorophore, a quencher of fluorescence, an enzyme, an affinity tag, and an epitope tag.

11-19. (Cancelled)

20. (Previously presented) A composition comprising the polypeptide of claim 5, 6, or 9.

21. (Cancelled)

22. (Cancelled)

23-126. (Cancelled)

127. (Previously presented) An isolated polypeptide consisting of the amino acid sequence of SEQ ID NO: 61.
128. (Previously presented) A composition comprising the polypeptide of claim 127.